UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO.   : 7,277,635 B2
APPLICATION NO. : 10/772173
DATED   : October 2, 2007
INVENTOR(S)   : René E. Kristiansen

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 3:
Line 27, after "Fig. 1 shows a communication system" delete "consisting of network elements" and insert -- consisting of two network elements --.
Line 33, after "Fig. 5 shows a first channel coupling" delete "characteristic an MZI" and insert -- characteristic for an MZI --.
Line 58, delete "may be used transmitted from both 1 and 2 for amplifying signals transmitted from both 1 and 2." and insert -- may be used for amplifying signals transmitted from both 1 and 2. --.

Column 4:
Line 30, after "The wavelength mulitplex" delete "coupler 17 subsequently" and insert -- coupler 17 is subsequently --.

Column 6:
Line 24, delete the equation:

" $\vec{E}_c = -\vec{E}_1(\lambda_1) + \vec{E}_2(\lambda_2$ "

and insert the following equation:

$$\vec{E}_c = \vec{E}_1(\lambda_1) + \vec{E}_2(\lambda_2)$$

-- --.

Line 26, after "and results in a field" delete "on the port" and insert -- on the port A --.
Line 30, delete the equation:

" $\vec{E}_A = -\vec{E}_2(\lambda_1)e^{\prime}$ "

and insert the following equation:

$$\vec{E}_A = \vec{E}_2(\lambda_1)e^{\prime} \quad\Longleftarrow\quad e^{j\frac{\pi}{2}}$$

-- --.

Line 34, delete the equation:

" $\vec{E}_D = -\vec{E}_1(\lambda_1)$ "

and insert the following equation:

$$\vec{E}_D = \vec{E}_1(\lambda_1)$$

-- --.

Line 36, delete "wavelength λ_B may be" and insert -- wavelength λ_L may be --.

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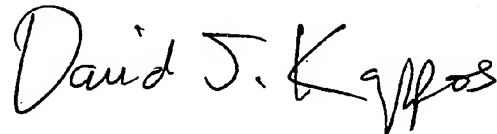DATED   : October 2, 2007
INVENTOR(S)   : René E. Kristiansen

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 7:
Line 31, delete "and A_L," and insert -- λ_L, --.

Signed and Sealed this

Twenty-ninth Day of December, 2009

David J. Kappos
Director of the United States Patent and Trademark Office